

# OFFICE OF SECURE TRANSPORTATION

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## Command Briefing

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This review does not constitute clearance for public release.

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# OST MISSION



- **Provide Safe and Secure Ground Transportation of Nuclear Weapons, Nuclear Weapon Components and Special Nuclear Material**
- **Provide Safe and Secure Air Transportation of Nuclear Weapon Components**
- **Conduct Other Missions Supporting the National Security of the United States**
- **Manage and Operate the Transportation Safeguards System (TSS)**

- **Departmental resource**
- **National unique capability**
- **Federal law enforcement authority and training combined with military operational equipment and skills**
- **Ensure mission success amidst a dynamic, complex and asymmetrical safety and security environment**

# History

## Nuclear Weapons and Special Nuclear Material Transportation



- **Early 1940s: Manhattan Project – U.S. Military**
  - ❑ No formal transportation program
  - ❑ Transported in military vehicles (trucks and sedans)
- **1946-Amended 1954: Atomic Energy Act – Atomic Energy Commission (AEC)**
  - ❑ Each AEC site provided their own transportation
  - ❑ Nuclear Material Couriers (NMC), Government Escorts for Commercial Trucks
  - ❑ No formal tracking or communications capability





# History (Continued)

## Nuclear Weapons and Special Nuclear Material Transportation



- **1975: Energy Research & Development Administration (ERDA)**
  - Replaced the AEC
  - Transportation Safeguards System (TSS) Chartered
  - Four Major Components
    - NMC (Federal Officers) – Three Courier Facilities (Albuquerque, Amarillo, Oak Ridge)
    - Safe Secure Trailer (SST) – Ballistic Protection and Deterrent Systems
    - Security Communications System (SECOM)
      - SECOM Center
      - Over-the-Horizon Communications and Tracking
    - Managed by the Transportation Safeguards Division (TSD) – Manager, Albuquerque Operations Office
- **1977: U. S. Department of Energy (DOE)**
  - Federal Agents
  - 1996 – SafeGuards Transporter (SGT) replaces SST
  - 2000 – Training Command established at Fort Chaffee, AR
- **2002: National Nuclear Security Administration (NNSA)**
  - TSD elevated to Headquarters Office under Defense Programs
  - TSD becomes Office of Secure Transportation

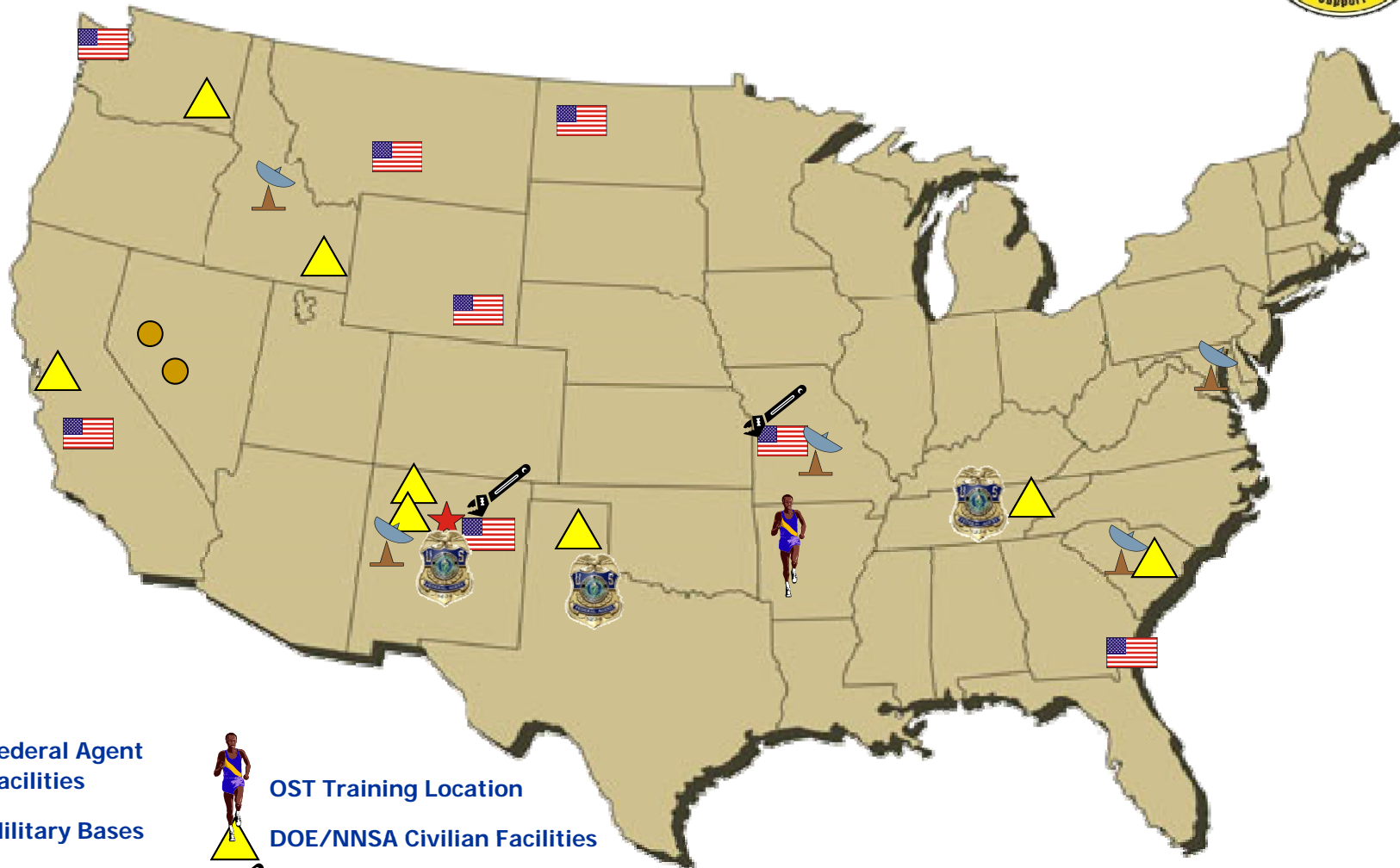


## Scope



- **Future Years Nuclear Security Program Budget (5 years): \$1.25B**
- **Federal Staffing Total: 637**
  - 247 Federal Staff and 390 Federal Agents
- **Contractor Staffing Total: 525**
  - Includes support service and M&O contractors
- **Customers and Activities**
  - DoD – United States Northern Command
  - Department of State
  - Department of Homeland Security
  - Department of Justice – Federal Bureau of Investigation
  - Nuclear Regulatory Commission
  - National Aeronautics and Space Administration
  - Commercial and Naval Reactor Facilities
  - Canada, United Kingdom and France
  - Members of the Southern, Northwest, Northeast and Western Governors' Hazardous Material Transportation Working Groups
  - Highway and Motor Carrier Modal Government Coordinating Council
  - Nuclear Nonproliferation/Global Threat (Russia/France/Pakistan/India)

# OST OPERATIONS TODAY



Federal Agent  
Facilities



Military Bases



DOE/NNSA



OST HQ



OST Training Location



DOE/NNSA Civilian Facilities



OST Modification Facilities



OST Relay Stations

# OST ROUTE SYSTEM





# OST Program Offices



## Headquarter Liaison Office (HLO)

- ❑ Coordination/Liaison Office for OST Located in Washington, DC
- ❑ OST Technical Advisor to Headquarters

## Office of Planning, Programming, and Budgeting (POPPB)

- ❑ Strategic Planning
- ❑ Operational Planning
- ❑ Budget Programming
- ❑ Budgeting through the FYNSP
- ❑ Program Integration of OST's 130+ Projects
- ❑ Program Analysis



# OST Program Offices



## Program Office of Independent Oversight (POIO)

- ❑ **Independent Assessment of OST Operations, Programs, Policies, Performance**
  - Performance Assessment Program
  - Overt and Covert Convoy Assessments
  - Training Assessments
  - Program Assessments
- ❑ **Internal Affairs**
  - 3 Credentialed Investigators
  - Internal Fact Finders
  - Internal Investigations
- ❑ **Outside Agency POC**

## Program Office of Aviation Operations (POAO)

### ■ DOE/NNSA Support

- ❑ NNSA/DOE Emergency Response Programs to include RAP, ARG and JTOT
- ❑ Limited Life Components Stockpile Support
- ❑ OST Mission Support
- ❑ Official Travel

### ■ Procure 3 B-737-400



DC-9 (3)

LR-35 (1)

Twin Otters (2)



# OST Program Offices



## Program Office of Research and Analysis (PORA)

- ❑ Inaugurated Mid-2007
- ❑ Analysis of OST Operating Space
- ❑ Situational Awareness
- ❑ All-source Information Focused on Defined Threat Spectrum with Supporting Priority Intelligence Requirements
- ❑ Actionable Intelligence Assessment(s)
- ❑ Integral to Winning the “Chess Match”



## Program Office of Research and Analysis Domain Awareness Interfaces



### PORA Headquarters (Albuquerque)

- PORA Sites
- Albuquerque District FBI (Field Intelligence Group and JTTF)
- NNSA Service Center Office of Counterintelligence
- New Mexico Fusion Center

### Resident Sites (Washington, DC and USNORTHCOM)

- DOE Office of Intelligence; FBI/HQ; DHS; DIA; CIA, DOS
- National Counterterrorism Center (National JTTF and CT Watch)
- Terrorism Screening Center
- DOD National Criminal Intelligence Center and AF Office of Special Investigations
- USNORTHCOM Joint Interagency Operations Center (and associated J's)

### Federal Agent Commands (Albuquerque, Amarillo, Oak Ridge)

- Fusion Centers
- JTTF's and FIG's
- Customer Sites
- Local Office of Counterintelligence
- Regional/Local Law Enforcement Entities



# OFFICE OF MISSION OPERATIONS



## ■ Agent Commands

- ❑ Operations
- ❑ Federal Agents

## ■ Operations Division

- ❑ Liaison Support Branch
- ❑ Operational Planning and Scheduling Branch
- ❑ Mission Support Branch



## Agent Commands

### ■ Operations

- ❑ Western - Albuquerque, NM
- ❑ Central - Amarillo, TX
- ❑ Eastern - Oak Ridge, TN



### ■ Operations Concept

- ❑ Tractor-Trailer Escorted Convoys on Established Routes
- ❑ Decentralized Execution – Convoy Commander is in Charge





# OFFICE OF MISSION OPERATIONS



## Agent Commands

### ■ Federal Agents

- ❑ Law Enforcement Authority (Atomic Energy Act)
- ❑ Requirements:
  - Possess a DOE Q-Clearance
  - Annual Medical and Psychological Review
  - Qualify Semi-Annually
    - ❑ Physical Fitness
    - ❑ Firearms
  - Willingness to Use Deadly Force to Protect Shipment
  - Willingness to Work with Nuclear Explosives
- ❑ 20-25 Mission Weeks/Year
- ❑ Extensive Unit Training Requirements

### ■ Federal Agent Retirement

- ❑ 20-Year Retirement Established in October 1998





# SafeGuards Transporter (SGT)



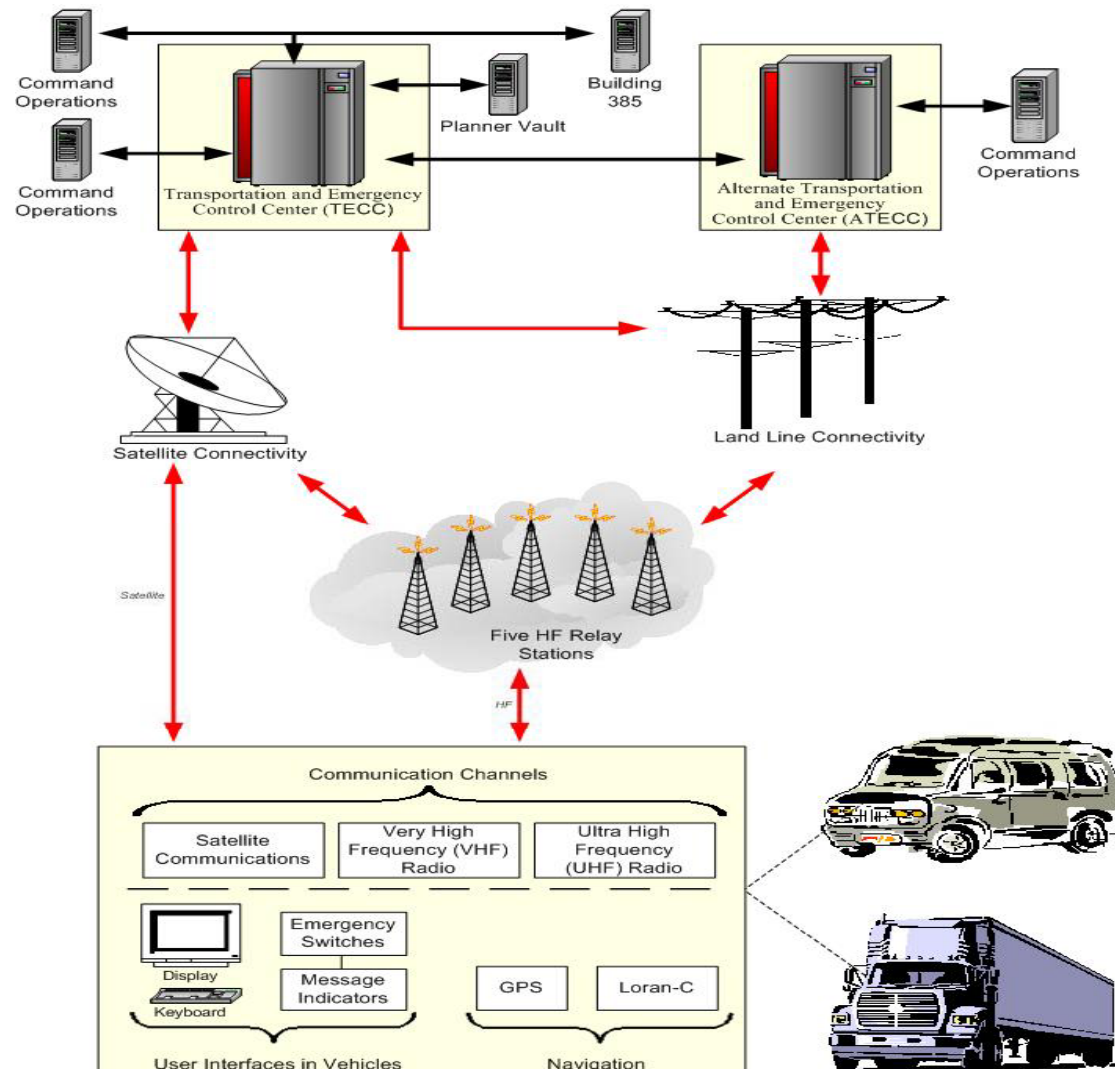
# Escort Vehicle



# Transportation Command & Control System



## Convoy Tracking





# OFFICE OF MISSION OPERATIONS



## Operations Division

- **Liaison Support Branch**
  - ❑ Federal Law Enforcement Agencies
  - ❑ State, Tribal and Local Law Enforcement
  
- **Operational Planning and Scheduling Branch**
  - ❑ Weapons
  - ❑ Special Nuclear Material
  - ❑ Limited Life Components
  - ❑ Contractor Support



## Operations Division

### ■ Mission Support Branch

- Transportation Emergency Control Center
  - OST Operations Center - 24/7/365
  - Tracking and Monitoring all OST Ground and Air Activities
    - Convoys
    - Training
    - Aviation
  - Notifications, Support and Tracking for National Emergency Response
  - 911 Call Center for OST HQ and NNSA Service Center



## Three Divisions

### Engineering, Systems and Technology Division

- **Vehicle Systems Branch**
  - Production and Maintenance
- **C5 Branch**
  - Command, Control, Communications, Computers, Cyber Security
- **Facility Management Branch**
  - Construction and Maintenance





# OFFICE OF SUPPORT



## Resources and Business Management Division

### ■ Acquisition and Funds Management Branch

- ❑ Acquisitions
- ❑ OST Purchase Card Program
- ❑ Financial Management Payroll/Travel

### ■ Human Reliability and Resources Branch

- ❑ Human Reliability Program
- ❑ Federal Agent Recruitment
- ❑ Personnel Security
- ❑ OST Human Resources

### ■ Program Direction and Certification Staff

- ❑ Manages M&O Task Agreements
- ❑ Tracks NNSA/DOE Funds Management
- ❑ Funds Certification



# OFFICE OF SUPPORT



## Safety, Security and Emergency Management

- **Emergency Management Branch**
  - ❑ Emergency Operations Center Cadre
  - ❑ Exercises
  - ❑ Unit Training in Incident Command System and National Incident Management System
  - ❑ Hazards Assessments/Mitigating Controls
- **Environment, Safety and Health Branch**
  - ❑ Occupational Safety
  - ❑ Training Safety (Command Safety Team)
  - ❑ Nuclear Explosive Safety
- **Security Branch**
  - ❑ VA/SSSP
  - ❑ Physical Security





# Office of Training and Logistics



## One Division and Three Programs

- Training Command (TRACOM)
- Logistics and Property Management Program
- Professional Development and Curriculum Design Program
- Training Support Program



# Office of Training and Logistics



## TRACOM

- **Combined Instructor Group (CIG) – Includes 3 Squads each with Identical Qualifications/Capabilities able to Support:**
  - ❑ Planning and Executing Agent Candidate Training (ACT)
  - ❑ Developing and Maintaining ACT Curriculum
  - ❑ Coordinating New Equipment Issue for Agent Candidates
  - ❑ Planning and Executing Convoy Training
  - ❑ Planning and Executing Live Fire Tactical Training
  - ❑ Planning and Executing Joint Testing Exercises (JTX)
  - ❑ Oversight of Exercise Control Force
  - ❑ Planning and Executing Agent Recapture/Recovery Training
  - ❑ Developing and Executing Specialized Training for OST Agents and External Customers
  - ❑ Evaluating and Developing Procedures for Unique Agent Equipment



# Office of Training and Logistics



- **Logistics and Property Management Program**
  - ❑ Provides Logistics Support for TRACOM and Command/Unit Training Programs and Activities
  - ❑ Responsible for Identifying, Ordering, Maintaining, and Distributing OST Munitions
  - ❑ Responsible for Tracking, Overseeing, Maintaining and Disposal of OST Personal Property
- **Professional Development and Curriculum Design Program**
  - ❑ Responsible for OST Leadership and Education Programs
  - ❑ Oversight of OST Curriculum Development
- **Training Support Program**
  - ❑ Plan and Executes OST NRC Support
  - ❑ Augment TRACOM on All Programs



# OFFICE OF SECURE TRANSPORTATION



**Always Confident, Never Comfortable**